

MITROVIC, Mitar; SEGOVIC, Ivan

Contribution to the study of surgical methods in the treatment of varicocele and our experiences. Srpski arh. celok. lek. 90 no.6:605-612 Je '62.

1. Hirursko odeljenje Gradske bolnice u Beogradu Nacelnik:
prof. dr. Mitar Mitrovic.
(VARICOCELE)

S

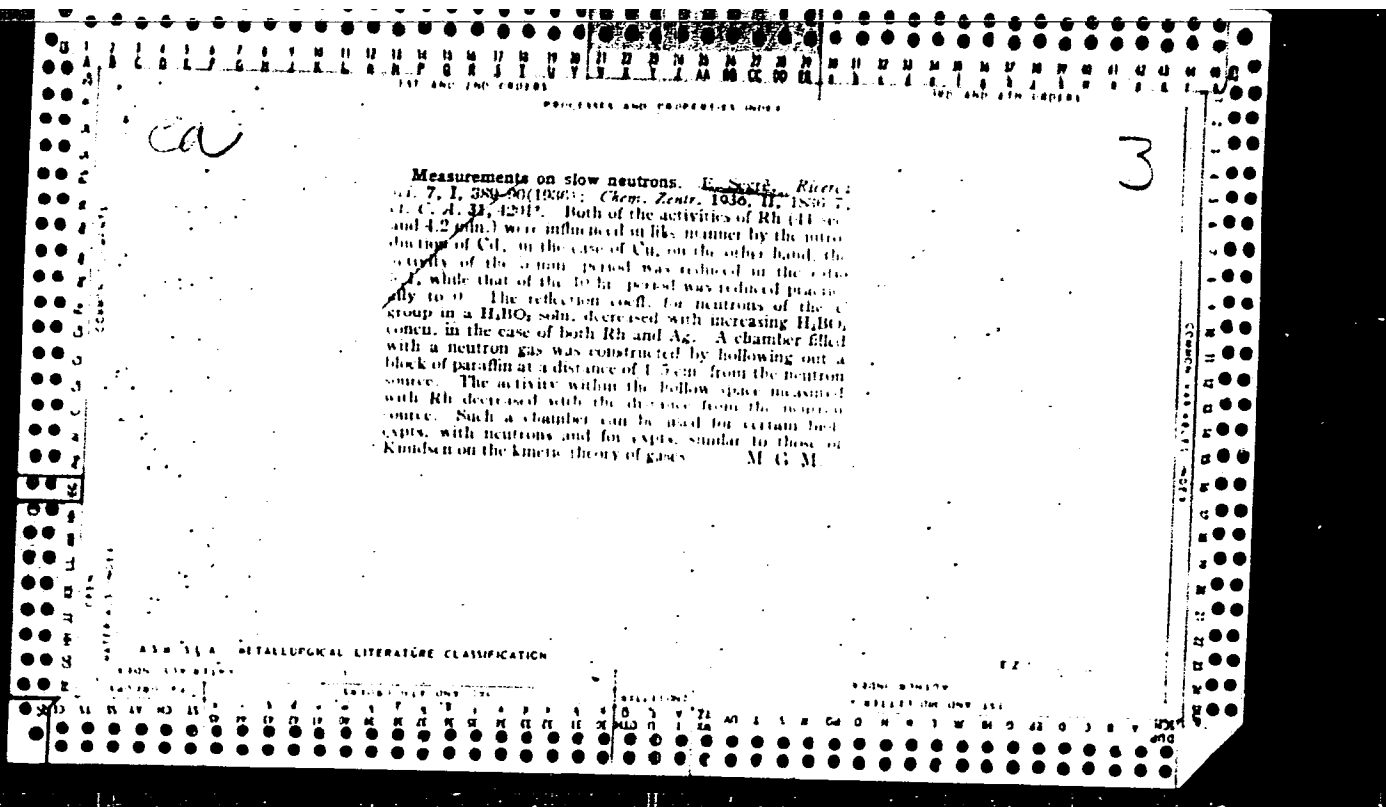
SECRET, B.

On the k -arcs in finite planes of characteristic 2. In Italian. p. 289.

REVUE DE MATHEMATIQUES PURES ET APPLIQUES. JOURNAL OF PURE AND APPLIED
MATHEMATICS. (Academia Republicii Populare Romine) Bucuresti. Rumania.
Vol. 2, 1957.

Monthly List of East European Accessions (EEAI) LC. Vol. 9, no. 1, January 1960.

Uncl.



3 a -

C. A.
1951

Experiments on proton-proton scattering from 120 to 345 m.e.v. O. Chamberlain, E. Segrè, and C. E. Wiegand (Univ. of California, Berkeley). *Phys. Rev.* **83**, 923-32 (1951), cf. C. E. **43**, 11087; **44**, 8249; 8259; **45**, 27875; *Phys. Rev.* **81**, 661. The differential scattering cross section for elastic collisions of 345 m.e.v. protons with protons was measured, 11-90° (center-of-mass (CM) system). The same cross section was measured over more limited ranges of angles at lower energies. The cross section (in the CM system) at 90° is remarkably independent of energy, being close to 3.8×10^{-26} sq. cm./steradian (CM system). The agreement with existing phenomenological theories based on static potentials is rather poor, especially in the case of scattering at small angles at 345 m.e.v.
G. M. Petty

SEGRE, E

USSR/Nuclear Physics

C-3

Abs Jour : Referat Zhur - Fizika, No 5, 1957, 11114

Author : Segre, E.

Inst : Not given

Title : The Anti-Proton

Orig Pub : Vestn. AN SSSR, 1956, No 10, 26-27

Abstract : No abstract

Card 1/1

Category : USSR/Nuclear Physics - Elementary Particles

C-3

Abs Jour : Ref Zhur - Fizika, No 1, 1957, No 443

Author : Chamberlen, O., Segre, E., Vigand, K., and Ipsilantis, T.

Title : Observation of Antiprotons

Orig Pub : Uspekhi fiz. nauk, 1956, 58, No 4, 685-692

Abstract : No abstract

Card : 1/1

SEGRE, E.

On antiprotons, Vest. AN SSSR 26 no.10:26-27 O '56. (MLBA 9:11)

1. Professor Kaliforniyskogo universiteta.
(Protons)

SEGRE, Emilio, professor (SShA); postscript by KHARITONOV, V.

[Antiprotons; postscript by V. Kharitonov] Antiprotony. Moskva,
Izd-vo "Znanie," 1957. 19 p. (Vsesoiuznoe obshchestvo po
rasprostraneniu politicheskikh i nauchnykh znani. Ser. 8, no.10)
(MLRA 10:5)

1. Kaliforniyskiy universitet (for Segre).
(Protons)

SEGRE, Emilio, Nobel Prize winner

Properties of antinucleons. Fiz szemle 11 no.5: 149-154 My '61.

SECCIA, F.

Rectifier of a radio receiver without noise. p. 102.

RADIOAMATER. (Savez radioamatera Jugoslavije)
Beograd, Yugoslavia. Vol. 12, no. 4, Apr. 1958.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, no. 8, Aug. 1959.

Encl.

SEGVIC, Aljosa, inzinjer

Effect of colors on the disposition on the chronically ill. Voj.san.
pregl., Beogr. 18 no.1:55-56 Ja '61.

(CHRONIC DISEASE)

(HOSPITALS)

(COLOR)

SEGVIC, B.

A system for the natural removal of salt from coastal and underground springs and wells. p. 133.

GEOLOSKI VJESNIK (Zavod za geoloska istrazivanja Hrvatske i Hrvatsko geolosko drustvo) Zagreb, Yugoslavia. 1954 (published 1955).

Monthly list of East European Accessions (EEAI) IC, Vol. 8, no. 8, Aug. 1959

Uncl.

SEGVIC, P.

Ports and railroads. p.2

ZELEZNICE, Beograd, Vol 12, No. 2, Feb., 1956

SO: EEAL, Vol5 , No. 7, July, 1956

SEGVIC, P.

More favorable outlook for the modernization of transportation in Yugoslavia. p. 633.
(Tehnika, Vol. 12, no. 4, 1957. Beograd, Yugoslavia)

SO: Monthly List of East European Accessions. (EEAL) LC. Vol. 6, No. 7,
July 1957. Uncl.

SEHA, Z

Distr: 4E3d

Equation relating heat of evaporation and temperature.
Zdeněk Šeha (Výzkumný ústav organických syntez, Pardu-
bice-Rybitví, Czech.). Chem. listy 52, 1431-4 (1958).

An empirical equation $\Delta H_{vap} = a(t_c - t)^{0.25}$ is proposed,
which reproduces the temp. dependence of the heat of
vaporization practically over the whole range of coexistence
of the liquid and vapor with a precision sufficient for engi-
neering purposes: t_c is crit. temp., t is temp., and a is a
const.

E. Erdős

SB
11

OK

SEHA, Z.

"Thermodynamic functions of dimethyl ether"

Chemicke Listy. Praha, Czechoslovakia. Vol. 49, No. 10, Oct 1955

Monthly list of East European Accessions (EEAI), LC, Vol. 8, No. 6, Jun 59, Unclas

SEHA, Z

0000

The calculation of the thermodynamic equilibrium in the synthesis of the methylamines. M. Habada and Z. Seha. (Výskumný ústav org. syntesy, Pardubice-Rybitví, Czechoslovakia). Chem. Zvesti 10, 22-30 (1973) (German summary).—Thermodynamic functions of methylamines were calcd. from the spectroscopic and mol. data. On the basis of the values of free reaction enthalpies thus calcd. as well as the values for the other components formed by the reaction of MeOH and NH_3 , a composite equil. of the synthesis of methylamines was calcd. A method of Kandiner and Brinkley (C.A. 45, 2294a) was applied for calcs. and found to be very rapid and satisfactory. Jan Micks

2
Habs
Chem

PM
Habs

B-8

COUNTRY : Czechoslovakia

CATEGORY : Physical Chemistry--Thermodynamics, Thermochemistry.
Equilibrium, Physicochemical analysis, Phase*

ABS. JOUR. : RZKhim., No. 16 1959, No. 56351

AUTHOR : Seha, Z.

INST. : Not given

TITLE : An Equation Giving the Temperature Dependence
of the Heat of Evaporation

ORIG. PUB. : Chem Listy, 52, No 8, 1451-1434 (1958)

ABSTRACT : The author has proposed an equation expressing
the temperature dependence of the heat of evapo-
ration

$$\Delta H(\text{evap}) = a(t_c - t)^{0.29} \text{ [misprint]}$$

(a is a constant for a given temperature, t_c is
the critical temperature). The equation fits
the data over the entire range up to the critical
point with a maximum error of about 2%. A plot
of $\Delta H(\text{evap}) = f(T)$ for water, ethyl ether, CCl_4 ,

CARD: 1/2 *transformations.

2/ Contributions of harmonic oscillations to the thermo-
dynamic functions for the case of one degree of freedom.
Zdeněk Seha and Robert Holub (Výzkumný ústav organick-
ché syntézy, Pardubice-Rybitví, Czech.). Chem. listy 52,
1653-67(1958).—The contributions of the harmonic oscilla-
tions to the heat capacity, enthalpy, and free enthalpy for
fundamental frequencies from 100 up to 3600 cm^{-1} at 15
temps. from 273.15° up to 1500°K. for one degree of freedom
are tabulated. E. Erdős

4

4/6

Distr: 4E3d

✓ Thermodynamic functions of organic compounds. I. Equation for the temperature dependence of heat capacities of ideal gases. Zdeněk Šcha and Robert Holub (Výzkumný ústav organických syntéz, Pardubice-Rybitví, Czech.). Chem. listy 52, 2210-21(1958).—An equation of the form: $C_p^\circ = A - [B/(T + C)]$ is recommended that yields more precise results in the temp. range from 300 up to 1000°K. than does the commonly used quadratic equation. The equation is especially convenient for the heat capacities of a homologous series of org. compds. E. Erdős

ju

SEHA, Z.

Distr: 4E2c(j)/4E3d

✓ Manufacturing cyclohexanone oxime by oxidizing cyclohexylamine with aqueous peroxide solution. Zdeněk Šcha, Czech. 88,923, Feb. 15, 1959. Aq. 30% H_2O_2 200 added at 25° in the course of 90 min. to cyclohexylamine (I) 200, Na_2WO_4 3, KCN 0.5, $NaHCO_3$ 15, and Na_2CO_3 15 in H_2O 550, the mixt. cooled to 0°, the pptd. addn. compd. of cyclohexanone oxime (II) with I filtered off and decompd. at 40 mm., I sepd., and crude II steam-distd. gives a product 108 parts, m 88-9°. The residual soln. after steam-distn. and the sepd. I are used in the next run. Conversion of H_2O_2 is 81%. Other examples feature the use of 1 part 8-hydroxyquinoline instead of KCN to yield 90% conversion, and treatment of the ppt. with excess of 10% H_2SO_4 , and subsequent neutralization of the soln. with solid $NaHCO_3$, which affords a 70% conversion. Similarly, aliphatic oximes can be prepd.

L. J. Urbánek

2
1-249 (N13)
2

COUNTRY : Czechoslovakia B-8
CATEGORY :
ABS. JOUR. : RZKhim., No. 23 1959, No. 81305
AUTHOR : Seha, Z.
INVT. : Not given
TITLE : Analytical Dependence of the Heat of
Vaporization on Temperature
ORIG. PUB. : Collect. Czechosl. Chem. Commun., 1959,
24, #3, 869-873
ABSTRACT : See RZKhim., 1959, #16, 56351.

CARD: 1/1

UNCLASSIFIED : Physical Chemistry. Thermodynamics.
Thermochemistry. Equilibria. Phase *
ABS. JOUR. : RZKham., No. 23 1959, No. 81283
AUTHOR : Seha, Z.; Holub, R.
INST. : Not Given
TITLE : Contributions of a Harmonic Oscillator to
the Thermodynamic Functions for One Degree
of Freedom.
ORIG. PUB. : Czechosl. Chem. Commun., 1959, 24, #3,
991-1005
ABSTRACT : See RZKham., 1959, #16, 56329.

CARD: 1/1

* Transitions. Physico-chemical Analysis.

19

SEHA, Z.

Distr: 4E3b/4E3d

The thermodynamic functions of organic compounds.
II. Calculation of the temperature dependence of the
thermodynamic functions of higher members in homologous
series. Z. Šeha (Severochema, Varnsdorf, Czech.). Col-
lection: *Czechoslovak. Chem. Commun.* 25, 1888-90(1980);
cf. CA 53, 5792h; 54, 80g. The empirical equation previously
proposed for C_2 : $\phi = A - B/(T + C)$ (*loc. cit.*) is applied to
other thermodynamic functions of hydrocarbons; in the
equation the ϕ may be C_p , $(H^\circ - H^\circ_0)/T$, $(G^\circ - H^\circ_0)/T$, S° ,
and ΔH° . It is possible to calc. the temp. dependence of
the thermodynamic function of the higher member if one
value and corresponding temp. dependencies of 2 lower
members of the homologous series are known. E. Erdeš

5
1-BK(JW)
2-JAT(NB) (MAY)

2

SEHA, Z.(Penco, Pardubice)

Thermodynamic functions of organic compounds. Part 3: Functions of
methylamines and formamides. Coll Cz Chem 26 no.9:2435-2438 '61.

(Organic compounds) (Methylamine)
(Formamide)

Sehnal, E.

Experiences of the mechanizers in Brno District with supplying material for the mechanization in stables. p. 328.
(Mechanisace Zemedelstvi. Vol. 7, no. 14, July 1957. Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC, Vol.6, no. 10, October 1957. Uncl.

SEHNAL, Frantisek, dr.

Information on *Parachiona picicornis* Pict. (Trichoptera).
Cas entom 59 no.2:142-151 '62.

1. Zoologicky ustav University Palackeho, Olomouc,
Fierlingerova 10.

NOVAK, Karel, dr., C.Sc.; SEHNAL, Frantisek, dr.

The development cycle of some species of the genus
Limnephilus (Trichoptera). Cas entom 60 no.1/2:68-80
'63.

1. Czechoslovak Academy of Sciences, Institute of Entomology,
Praha 2, Vinicna 7.

SEHNAL, Jan, inz.

Mixing lines in the meat industry. Prum potravin 13 no.3:
119-122 Mr '62.

1. Vyzkumny ustav pro maso, Brno.

SEHNAL, L.

SCIENCE

Periodicals: BIULETEN ASTRONOMICESKIKH INSTITUTOV CHEKHOSLOVAKII.
BULLETIN OF THE ASTRONOMICAL INSTITUTES OF CZECHOSLOVAKIA.
Vol. 10, no. 2, Mar. 1959

SEHNAL, L. About the computing of secular parturbations. In English p. 67

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 5,
May 1959, Unclass.

SEHNAL, L.; CEPLECHA, Z.; RAJCHL, J.

New Czechoslovak meteorite "Luhy." In English. p. 147.

BULLETIN OF THE ASTRONOMICAL INSTITUTES OF CZECHOSLOVAKIA. (Cekoslovenska akademie
ved. Astronomicky ustav) Praha, Czechoslovakia, Vol. 10, no. 4, July 1959.

Monthly List of East European Accessions (EEAI), LC, Vol. 8, no. 11, Nov. 1959
uncl.

PHASE I BOOK EXPLOITATION

CZECH/5216

Budil, Ivo, ed.

Do blízkého i vzdáleného vesmíru (Into the Near and Distant Universe)
Prague, Orbis, 1960. 10,000 copies printed.

Authors: Milan Blaha, Doctor of Natural Sciences, Candidate of Physics and Mathematics. Ondřej Brychta, Engineer. Jan Bukovsky, Professor, D.Sc. Václav Dumba, Doctor of Natural Sciences, Candidate of Physics and Mathematics. Zdeněk Čepička, Candidate of Physics and Mathematics. Josef Farkaš, Doctor of Medicine. Vladimír Gull, Doctor of Natural Sciences, Corresponding Member of the Slovak Academy of Sciences, Doctor of Physics and Mathematics. Jiří Hnězdek, Doctor of Natural Sciences, Candidate of Physics and Mathematics. Miroslav Kozáček, Doctor of Natural Sciences, Candidate of Physics and Mathematics. Luboš Perek, Doctor of Natural Sciences, Candidate of Physics and Mathematics. Jaroslav Plavec, Doctor of Natural Sciences, Candidate of Physics and Mathematics. Ladislav Ruppelt, Candidate of Physics and Mathematics. Josef Sadil. Ladislav Šebal, Candidate of Physics

Card-1/41

and Mathematics. Zdeněk Švestka, Doctor of Natural Sciences, Candidate of Physics and Mathematics. Boris Valniček, Doctor of Natural Sciences and Vladimír Vanyasek, Doctor of Natural Sciences, Candidate of Physics and Mathematics. Resp. Ed.: Josef Sadil.

PURPOSE: This book is intended for the general reader interested in astronomy, celestial mechanics, and astrophysics.

COVERAGE: The book presents in popular language and in summary form the most important achievements of science to date in the field of astronomy, celestial mechanics, and astrophysics, and notes the importance of continued progress in these disciplines for space travel to the moon and in our solar system, and ultimately to the nearest stars and galaxies. In the section headed "About the Authors" the degrees and titles, affiliations and scientific contributions of each author are given. The text is accompanied by many diagrams, graphs, and tabular data. There are 37 photographs of various celestial bodies. No personalities

Card-2/41

are mentioned. There are 29 references, all Czech (several translations).

TABLE OF CONTENTS:

THE NEAR UNIVERSE

I. The Moon - The Nearest Cosmic Body	7
Size and density of the moon	7
Orbit of the moon around the earth	8
Phases of the moon	9
The ashen light of the moon	10
Does the moon have any kind of an atmosphere?	11
Temperature on the surface of the moon	13
What does the surface of the moon consist of?	14
Beginnings of lunar mineralogy	15
Is the moon radioactive?	16
Surface of the moon through a telescope	16
Origin of the seas and craters of the moon	17

Card-3/41

THINAI, L.

presented a paper at the Symposium for Space Flight and Re-entry Trajectories of the International Academy of Astronautics, entitled "La stabilite du satellite de 24 heures". The meeting was held 19-21 June 61, in Paris, France

CC: List of Honinees to the Academy, attachment to ■-E-3,192,453, June 61, UNCL

S/035/62/000/007/058/083
AOO1/A101

AUTHOR: Sehna, Ladislav

TITLE: Symposium on problems of flight and re-entry of artificial satellites
(June 19 - 21, 1961)

PERIODICAL: Referativnyy zhurnal, Astronomiya i Geodeziya, no. 7, 1962, 91,
abstract 7A655 ("Vestn. ČSAV", 1961, v. 70, no. 5, 730731, Czech)

TEXT: This is a brief information on the symposium on problems of dynamics
of artificial celestial bodies, organized by the International Astronautical Acad-
emy and held on June 19- 21, 1961, at Louveciennes (France).

[Abstracter's note: Complete translation]

Card 1/1

S/035/62/000/010/071/128
A001/A101

AUTHOR: Sehnal, Ladislav

TITLE: Astronautics in 1961

PERIODICAL: Referativnyy zhurnal, Astronomiya i Geodeziya, no. 10, 1962, 73,
abstract 10A541 ("Riše hvězd", 1962, v. 43, no. 4, 65 - 68, Czech)

TEXT: This is a brief description of manned space flights and launchings
of artificial satellites performed in 1961 in the USSR and USA.

[Abstracter's note: Complete translation]

Card 1/1

SEHNAL, Ladislav

Meeting of the Committee on Space Research and a Symposium on
Interplanetary Space Research in Washington. Vestnik CSAV 71
no.5:599-601 '62.

SEHNAL, L.

Dynamic effects of the solar radiation pressure on the motion of artificial satellites. Biul astr Cz 14 no.4:133-134 '63..

1. Astronomical Institute of the Czechoslovak Academy of Sciences, Ondrejov.

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141
163
141
B-11

L 41519-65 ARG/ERO-2/ENG(j)/ENT(d)/FBO/FSS-2/ENG(r)/ENT(1)/FBO/EMP(c)/ENT(c)/
ENT(h)/FE(v)-3/EPF(c)/EEC(k)-2/ENG(s)-2/EMP(1)/EMP(f)/ENG(v)/EMP(c)/EMP(v)/ENA(1)/
EPF/EMP(j)/T-2/ENG(a)-2/EMP(h)/EPA(bb)-2/EEC(c)-2/SED-2/ENG(c)/FCS(k)/EMP(b)/
APL05110 PL-4/Pa-4/Pk-4/Pn-4/ BOCK EXPLOITATION PI-4/Ph-4/Pac-2/Pe-4/Pr-4/
Po-4/Pe-5/Pa-4/Pac-4/Pr-4. IJP(c) AST/TP/AM/DD/RA/GH/BC/WH
Dorvir, Miroslav, (Engineer); Benes, Konrad, (Professor, Doctor); Bouska, Jiri, (Doctor);
(Doctor); Bmil, Ivo, (Graduate in Philosophy); Cepicka, Zdenek, (Candidate of);
Physical and Mathematical Sciences; Cadr, Milan, (Doctor); Dolezal, Vladimir, (Doctor);
(Doctor); Dvorak, Antonin, (Candidate of Medical Sciences, Docent, Doctor); Horak, Zdenek,
Guth, Vladimir, (Candidate of Medical Sciences, Docent, Doctor);
(Doctor of Physical and Mathematical Sciences, Corresponding Member of the
Czechoslovak Academy of Sciences, Professor, Doctor); Hospodar, Jan, (Doctor of
Physical and Mathematical Sciences, Doctor); Kleczek, Josip, (Doctor); Klest,
Paul, (Candidate of Physical and Mathematical Sciences); Kolodovaky, Milan; Koml,
Vladimir (Doctor); Korceky, Miloslav, (Candidate of Legal Sciences); Krivsky,
Ladislav, (Candidate of Physical and Mathematical Sciences); Kviz, Zdenek, (Can-
didate of Physical and Mathematical Sciences); Ledvina, Milan, (Engineer); Haleik,
Vladimir, (Doctor); Moravcek, Milan, (Candidate of Medical Sciences); Hrazek,
Jaroslav, (Candidate of Medical Sciences, Engineer); Hrazek, Jiri, (Candidate of
Technical Sciences); Neuzil, Ludek, (Doctor); Novotny, Zdenek, (Candidate of
Physical and Mathematical Sciences); Novotny, Zdenek, (Doctor); Pernegr, Jaroslav,
(Doctor; Candidate of Physical and Mathematical Sciences); Pesek, Rudolf, Professor,
Doctor, Engineer); Piml, Miloslav, (Doctor of Technical Sciences, Corresponding
member, of the Czechoslovak Academy of Sciences); Plavec, Miroslav, (Doctor);
Pokorny, Zdenek, (Candidate of Physical and Mathematical Sciences, Docent, Doctor);

Card 1/3
2

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AP#045110

14

Rual, Vladimir, (Candidate of Medical Sciences, Doctor); Sadil, Josef, (Doctor of Physiological Sciences); Sehnal, Ladislav; Stverak, Jiri, (Doctor); Svestka, Zdenek, (Doctor); Tuma, Jaroslav, (Candidate of Physical and Mathematical Sciences, Doctor); Tysil, Vaclav, (Docent, Engineer); Ulehla, Ivan, (Candidate of Technical Sciences, Professor, Doctor); Valnicek, Boris, (Candidate of Physical and Mathematical Sciences, Doctor); Vanysek, Vladimir, (Candidate of Physical and Mathematical Sciences, Docent, Doctor); Vlasak, Marian, (Candidate of Physical and Mathematical Sciences; Doctor); Voda, Miloslav, (Engineer)

Principles of astronautics (Zaklady kosmonautiky) Prague, Orbis, 1964. 445 p. illus., biblio. 5000 copies printed.

TOPIC TAGS: cosmonautics, rocket, satellite, space flight, missile b

PURPOSE AND COVERAGE: This publication is a popular scientific reference book for people working in cosmonautics. The book presents a survey of cosmonautics and space flight up to 1 June 1963.

TABLE OF CONTENTS:

Card 2/8

CEPLECHA, Z.; JEZKOVA, M.; NOVAK, M.; RAJCHL, J.; SEHNAL, L.;
DAVIES, J.G.

Ondrejov double-station meteors during the IGY and
IGC. Biul astr Cz 15 no. 4:144-155 '64.

1. Astronomical Institute, Czechoslovak Academy of Sciences,
Ondrejov (for all except Davies). 2. Muffield Radio
Astronomy Laboratories of the Manchester University (for
Davies).

PLAVEC, M.; SEHNAL, I.; MIKULAS, J.

Trajectories of particles ejected from I_1 in RM Tauri. *Biul astr*
Cz 15 no. 5:171-178 '64

1. Astronomical Institute, Czechoslovak Academy of Sciences,
Ondrejov (for Plavec, and Sehnal). 2. Calculation Research
Center, Prague (for Mikulas).

SEHNAL, P., inz

Magnacard, a combination of magnetic tape and punched card.
Automatizace 5 no.3:88 Mr '62.

SEHNAL, Petr, inz.

Machine reading. Automatizace 5 no.11:305-307 N '62.

1. Vyzkumny ustav matematickych stroju, Praha.

SEHNAL, Vaclav (Prague, Czechoslovakia); LEHOCZKY, dr. [translator];
JUHASZ, Istvan [translator]

Development in Czechoslovakia's furniture industry as
reflected in the Prague "Apartment and Furniture" Exhibition.
Faipar 10 no.3:65-69 M '60.

1. "Faipar" szerkeszto bizottsagi tagja (for Juhasz).

SEHNAL, Vaclav

Improved cooperation between the periodicals "Przemysl Drzewny" and
"Drevo." Drevo 19 no.5:194-195 My '64.

SEHNAL, Z.; POSSELT, A.; DRBOHLAV,

Automation in hydroelectric-power plants. p. 313.

ENERGETIKA. Praha, Czechoslovakia. Vol. 9, No. 6, June 1959

Monthly list of East European Accessions. (EEAI) LC, Vol. 8, No. 10
Oct. 1959
Uncl.

SEHNAL. Z. ; DRBOHLAV, J.

Speeding up automatic starting of aggregates in hydroelectric-power stations.
p. 530.

ENERGETIKA. Praha, Czechoslovakia. Vol. 9, no. 10, Oct. 1959.

Monthly list of East European Accessions (EEAI) LC. Vol. 9, no. 2, Feb. 1960
Uncl.

MALKOVSKY, Jaroslav, prof., dr., inz.; SCHMIEDL, Juraj, inz.; HOLECZY,
Julius, inz.; SEHNALEK, Frantisek, inz.

Use of oxygen in some metallurgical processes. Hut listy 16
no.8:573-580 Ag '61.

1. Hutnicka fakulta, Vysoka skola technicka, Kosice.

HOLECZY, Julius, inz.; SCHMIEDL, Juraj, inz.; SEHNALEK, Frantisek, inz.

· Production of converter copper from sulphur-copper concentrates in continuous converters. Hut list, 16 no.12:893-894 D '61.

1. Hutnicka fakulta, Vysoka skola technicka, Kosice.

(Copper) (Sulphur)

SEHNALEK, Frantisek, inz.; HOLECZY, Julius, inz.; SCHMIEDL, Juraj, inz.

Continuous copper production. Tech praca 14 no.12:973-975 D
'62.

1. Katedra kovohutnictva, Hutnicka fakulta, Vysoka skola
technicka, Kosice.

· HOLECZY, Julius, inz.; SEHNALEK, Frantisek, inz.; SCHMIEDL, Juraj, inz.

Oxidation volatilizing melting of sulfide antimony concentrates.
Hut listy 17 no.7:503-507 J1 '62.

1. Hutnicka fakulta, Vysoka skola technicka, Kosice.

HOLECZY, Julius, inz.; SCHMIEDL, Juraj, inz.; SEHNALEK, Frantisek, ins.

Theory and model test of continuous converter processing of copper mattes. Hut listy 18 no.2:102-109 F '63.

1. Hutnicka fakulta, Vysoka skola technicka, Kosice.

GOLETSI, Yu. [Holeczy, Y.]; SHMIDL, Yu. [Schmiedl, Y.]; SEGNALEK, F.

Theory of the triple layer continuous converting of copper matte.
Izv. vys. ucheb. zav.; tsvet. met. 6 no.4:76-81 '63.

(MIRA 16:8)

1. Kafedra tsvetnoy metallurgii Vysshego tekhnicheskogo
uchebnogo zavedeniya, g. Koshitse, Chekhoslovatskaya
Sotsialisticheskaya Respublika.

(Copper—Metallurgy)

HOLECZY, Julius, inz.; SEHNALEK, Frantisek, inz.; SCHMIEDL,
Juraj, inz.

Processing of antimony sulfide concentrates by volatile
oxidizing smelting. Sbo: VST Kosice 2:121-132 '62.

1. Katedra kovohutnictva, Vysoka skola technicka,
Kosice.

HOLECZY, J.; SCHMIEDL, J.; SEHNALEK, Fr.

New methods of copper matte processing. Sbor VST Kosice no.1:
85-92 '63.

1. Department of Metallurgy, Higher School of Technology, Kosice.
Submitted April 15, 1962.

CERNOCH, S., prof., inz.; HOLECZY, J., inz.; SEHNALEK, F., inz.; SCHMIEDL, J.,
inz.

Oxidation volatile melting of sulfidic antimony concentrates; discussion.
Hut listy 18 no.4:273-274 Ap '63.

SEHNALEK, F. KOSTENSKA, J.; KOLLER, R.

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L 41780-56

ACC NR: AP6031481

SOURCE CODE: RU/0024/65/000/001/0012/0018

AUTHOR: Seiceanu, S. (Engineer; Bucharest)

ORG: none

TITLE: Modern conceptions concerning the nature of tectonic forces and the manner of their operation

SOURCE: Natura.. Seria geografie-geologie, no. 1, 1965, 12-18

TOPIC TAGS: tectonics, physical geology

ABSTRACT: A summary of recent published hypotheses concerning tectonic forces, with emphasis on the views of L. Egyed who believes that such forces arise because the earth is constantly expanding. The possibility of migration and folding of continental blocks and the matter on which they float is also discussed and some experimental data reproduced, and some quantitative estimates in the literature relating to the magnitude of the energy involved in tectonic processes are presented. Orig. art. has: 2 figures. [Based on author's Eng. abst.] [JPRS]

SUB CODE: 08 / SUBM DATE: none / OTH REF: 007

Card 1/1

L 33087-66

ACC NR: AP6024591

SOURCE CODE: RU/0007/65/016/008/0446/0460

AUTHOR: Dragotescu, N. (Engineer); Seiceanu, S. (Engineer)

ORG: none

TITLE: Jet drilling and its prospective extension in the light of the possibilities offered by Rumanian drilling equipment

SOURCE: Petrol si gaze, v. 16, no. 8, 1965, 446-460

TOPIC TAGS: well drilling machinery, petroleum industry equipment

ABSTRACT: A report on tests to determine wheter Rumanian drilling equipment is suitable for jet drilling, in view of the somewhat different calculations involved. It was found that pumps 3PN-465M and especially 2PN-800 are quite suitable for jet drilling. The tests also showed that in the case of the 3DH-200 drilling rigs the fact that the pumps are driven by torque converters allows their most efficient operation as well as the achievement of the desired jet effect. Orig. art. has: 7 figures, 13 formulas and 4 tables. [Based on authors' Eng. abst.] [JPRS: 33,544]

SUB CODE: 13 / SUBM DATE: none

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UDC: 622.243.142:622.24.051.55

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Abstract: Studies on 500 rats, 2000 mice, 50 dogs: 450, 900, 1800, 5000 r; detail study of muscular weakness following radiation; conditioned reflex response and other central nervous system functions; spontaneous motor activity; muscular response to electrical stimulation, metabolism of potassium, sodium and calcium in the muscles; actomyosin contractility. 13 diagrams.

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Adres: Poznan, ul. Długa 1/2. I Klinika Chorob Wewn. A. M.

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